15a

Item No. 16E

TOWN OF LAUDERDALE-BY-THE-SEA

AGENDA ITEM REQUEST FORM

ADMINISTRATION — Department Submitting Request

John Olinzock — Dept Head's Signature

	Commission Meeting Dates	Last date to turn in to Town Clerk's Office		Commission Meeting Dates	Last date to turn in to Town Clerk's Office		Commission Meeting Dates	Last date to turn in to Town Clerk's Office
☐	Nov 10, 2009	Oct. 30 (5:00 p.m.)	☐	Jan 26, 2010	Jan 15 (5:00 p.m.)	☐	March 23, 2010	Mar 12 (5:00 p.m.)
☐	Dec 1, 2009	Nov 20 (5:00 p.m.)	☐	Feb 9, 2010	Jan 29 (5:00 p.m.)	☐	April 13, 2010	April 2 (5:00p.m.)
☐	Dec 8, 2009	Nov 25 (5:00 p.m.)	☐	Feb 23, 2010	Feb 12 (5:00 p.m.)	☐	April 27, 2010	April 16 (5:00p.m.)
☒	Jan 12, 2010	Dec 31 (5:00 p.m.)	☐	Mar 9, 2010	Feb 26 (5:00p.m.)	☐	May 11, 2010	April 30 (5:00p.m.)

NATURE OF AGENDA ITEM

☐ Presentation	☐ Resolution	☐ New Business
☐ Report	☐ Ordinance	☐ Manager's Report
☐ Consent Agenda	☐ Public Hearing	☐ Attorney's Report
☐ Bids	☒ Old Business	☐ Other

EXPLANATION: Discussion and/or Action by Town Commission to Provide for Pledge of Financial Contributions Towards Construction of the Beach Renourishment Art in Public Places Project.

STAFF RECOMMENDATION: N/A

BOARD/COMMITTEE RECOMMENDATION: N/A

FISCAL IMPACT AND APPROPRIATION OF FUNDS: TBD

☐ Amount $_____ ☐ Acct # _____

☐ Transfer of funds required ☐ From Acct #_____

☐ Bid ☐ Grant ☐ Amount represents matching funds

THIS ITEM WAS DEFERRED AT THE JANUARY 12, 2010 Commission Meeting By VICE MAYOR McINTEE

Town Attorney review required

☐ Yes ☒ No

Town Manager's Initials: _____

Revised 9/28/09

Town of Lauderdale-By-The-Sea
Administration

MEMORANDUM

Date: 29 January 2010

To: Esther Colon, Town Manager

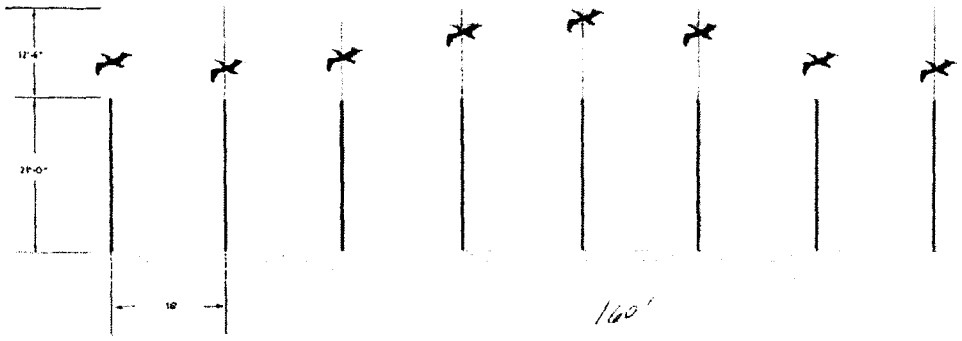
From: John Olinzock, Assistant Town Manager

Re: Beach Renourishment Art in Public Places – Pledge of Financial Contribution

---

The City of Hollywood, Florida has pledged a contribution of $15,000.00, if the City is selected for the installation. The City of Pompano Beach has pledged $14,000.00 if the City is selected.

CC: June White, Town Clerk



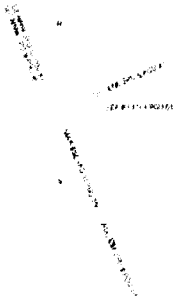
Project title: PELICAN FILE
(working title)

Context:
With funding from the Environmental Protection Department, Broward County Cultural Division's Public Art & Design Programs has asked for proposals for public artworks that celebrate its coastal landscape. The mission of the Environmental Protection Department is to sustain and enhance the quality of life in Broward County by promoting effective and efficient regional uses of environmental resources through environmental planning, management, and regulation. The Beach Renourishment Program within this agency provides for the replacement of sand on eroded beaches to restore shoreline sand volume to normal levels. Beach restoration is important to protect

up
da
an
tat
be
the
the
the

Directives:
Artists have been selected to propose artworks that celebrate the uniqueness of these coastal areas, address coastal ecological subjects and the kind of change that occurs in these regions. All types of artwork are to be considered including, but not limited to, ones that relate to natural elements of the coastal environment such as sun, sand, wind or water.

Inspiration:
In looking for a fundamental image or object that comprehensively responds to the project directives, many "icons" were considered. One that seems to tie the area to its ecological and physical systems while also serving as a poetic cultural icon is the *brown pelican*, a common sight along the beaches of Broward County and common along the eastern seaboard and gulf coasts. The brown pelican (Pelicanus occidentalis) whose ancestral fossils date back 25 million years, is a paradox: the grace and beauty displayed as these creatures fly in formation along the wave tops is nature at its' finest. These enigmatic creatures are masters of detecting and utilizing invisible air currents to glide effortlessly, ever on the look out for sources of food.

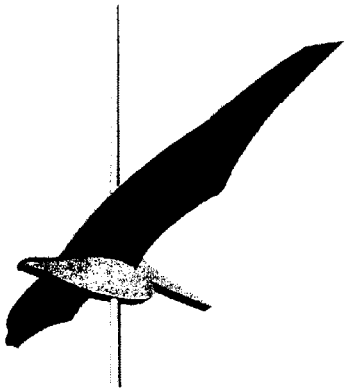


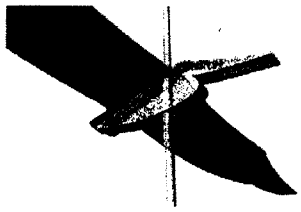
Broward County Wind Diagram
Source: Anthony Abbate, FAU School of Architecture

At the same time, their individual physical character can be described as ungainly at best; sharing some visual similarities with the primeval flying reptile, the pterodactyl. The pelican has survived intact since the Miocene era, adapting to ever changing conditions for millions of years, yet still displaying what best can be described as a prehistoric appearance. They are ancient survivors, whose behavior, beauty and ackwardness, draw our attention and affection.

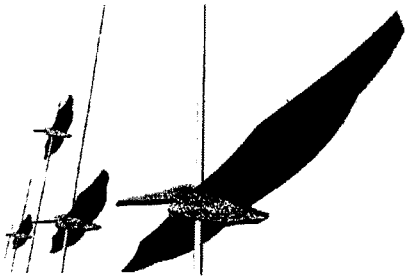
In Broward County, the word pelican identifies a myriad of places and features, from hotels, roads and streets, to restaurants, developments and resorts. Clearly, people in Broward County respond positively to this word and to this symbol. How can this iconic image be elevated to poetically represent Broward County's connections with the past, its' peoples connections with the physical dynamics of the area and to perhaps subtly express the growing need to be responsible stewards of the places where they live?

Co
Th
eb
by
wh
to
ext
bir
wit
ing
Flo
bir
cal
wir
an
the
pro
see
in c
ish,
visi
eve
sm
ove
win
the
tim
File
ing
trar





Technical Description:
Using the same technology employed in aeronautics, boat and surfboard manufacturing, each bird will have a foam core and a carbon fiber skin, creating an extremely strong and durable object. Its bearings will be delrin and the rod that guides and contains its' vertical movement will be 5/8"d 316 stainless steel pipe or rod. The poles themselves will be fabricated from Schedule 80 4"ID steel pipe and coated with a Tnemec paint system. Common mounting techniques will be used to bolt the poles to concrete footings. Much development work has been done with this concept through a project I have been in charge of at the Exploratorium, a science museum in San Francisco. One of the most successful exhibits of this effort is "Lift", a series of 200 airfoils mounted on vertical cables, which respond in a similar manner as the proposed *Pelican File*.



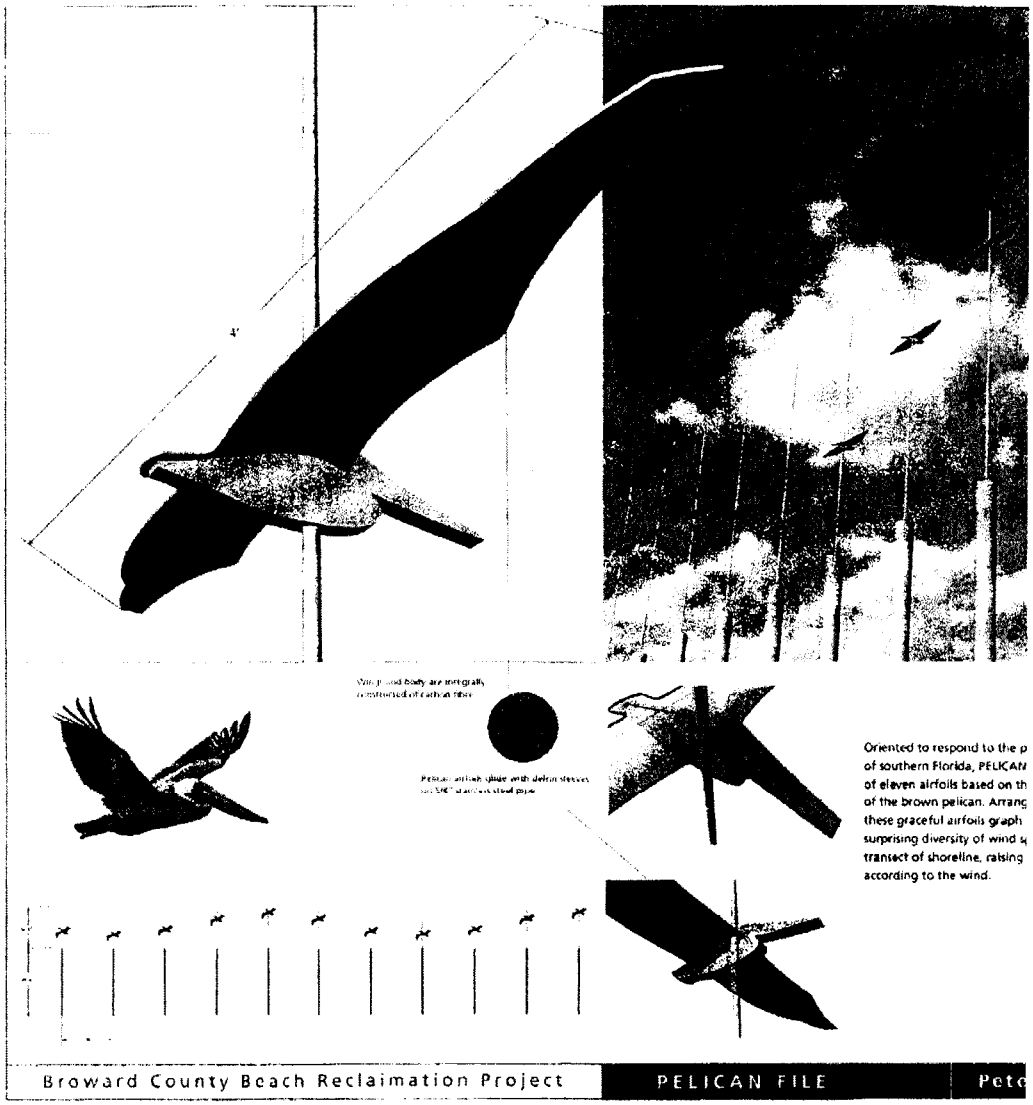
Budget:

	Item	Number	Cost per unit	Total Cost
Prototype/Tech Devp.	Tech. Consultant		10000	10000
Fabrication	Masts	11	2000	22000
	Birds	11	1000	11000
Installation	Shipping		5000	5000
	Footings	11	1250	13750
	Forklift rental	3 days	300	900
	Staging area			
	Install	3 days	1500	4500
	Site clean up	1 day	250	250
Travel	Airfares	6	400	2400
	Per Diem*	15	200	1500
	Car Rental	15	55	825
Engineering	Mechanical			2500
	Civil			1175
Artists Fee				20000
Project Admin	Hours	100	50	5000
Insurance	Liability	Artist cost		
Contingency			0.1	12000
Total				112800
Sales Tax			0.06	7200
Total				120,000

*Includes meals and hotel - average of high and low seasons @ GSA Gov rate

Conservation–Operational Plan

Pelican Line will be fabricated with materials and techniques known and proven to perform well in salt-air conditions. Technical Consultant/collaborator, Maz Kattuah designed and completed the previously mentioned Exploratorium exhibit, "Lift" for a bay shore environment in San Francisco. He will design and prototype a pelican model using design specifications from Gil Lund of Lund Engineering. Lund Engineering has been involved in the aerospace and marine industries for many years and is currently working on the new Boeing 787 Dreamliner, the first passenger airliner built almost entirely with composite materials. Lund will consult on the development of a unit-constructed carbon-fiber pelican with an appropriate delrin bearing system, which will perform maintenance free for many years. The mast for each pelican will be painted with a Tnemec paint system, one known for its great performance in salt-air environments.



Oriented to respond to the p
of southern Florida, PELICAN
of eleven airfoils based on th
of the brown pelican. Arrang
these graceful airfoils graph
surprising diversity of wind s
transect of shoreline, raising
according to the wind.

Broward County Beach Reclaimation Project | PELICAN FILE | Pete